

Table 3 Head related morphometric measurements of cichlid from lake kainji expressed as percentages of head length

Parameters	<i>O. niloticus</i>	<i>S. galilaeus</i>	<i>P. mariae</i>	<i>T. zilli</i>	P-value
Distance btw occip	91.48 ± 3.80 <sup>a</sup>	95.65 ± 3.61 <sup>a</sup>	61.43 ± 1.62 <sup>b</sup>	70.66 ± 2.99 <sup>b</sup>	0.001
Diameter of eye	49.78 ± 7.15 <sup>a</sup>	25.46 ± 0.99 <sup>b</sup>	23.72 ± 1.01 <sup>b</sup>	31.25 ± 1.87 <sup>b</sup>	0.001
Head width	79.30 ± 3.57 <sup>b</sup>	92.56 ± 5.30 <sup>a</sup>	49.50 ± 14.20 <sup>c</sup>	71.91 ± 4.10 <sup>bc</sup>	0.001
Vomerine lt	18.49 ± 0.95 <sup>b</sup>	18.34 ± 0.95 <sup>b</sup>	15.13 ± 2.93 <sup>b</sup>	26.15 ± 1.46 <sup>a</sup>	0.001
Vomerine width	14.45 ± 6.34	4.25 ± 0.45	7.36 ± 0.83	6.45 ± 0.62	0.293
Snout lt	43.50 ± 12.30	27.53 ± 1.22	26.43 ± 1.31	27.09 ± 2.09	0.410
Preorbital lt	32.49 ± 0.96 <sup>c</sup>	42.93 ± 1.43 <sup>a</sup>	35.36 ± 2.29 <sup>bc</sup>	37.00 ± 1.60 <sup>b</sup>	0.001

Mean in the same row with different superscript differ significantly (P<0.05)